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 Subject: Draft ITC update info you requested -- 03/25/2019  
 Date: Monday, March 25, 2019 6:29:59 AM

## Intercontinental Terminals Company (ITC) Fire Morning Update Deer Park, Texas March 25, 2019

- EPA continues to participate in Unified Command with TCEQ, Harris County Pollution Control Services, and ITC.
- As of March 25, ITC continues pumping of Tank 7, as well as the initiation of pumping of Tank 10 and 14.
- ITC reported one minor exposure / injury of a worker. While pumping recovered liquids from the vacuum truck / frac tank / tank, a gasket failed and the contract worker was sprayed with recovered liquid. He was taken to the standby ambulance, and the decision was made to transport the worker to the hospital for observation. There were no visible symptoms or injuries.
- Foaming of the secondary containment to prevent reignition and reduce emissions continues. A two-foot layer of foam (and one-inch layer of liquid) is being maintained.
- EPA collected 6 water samples on March 24. These included previously sampled locations in Buffalo Bayou, near the west side of Lynchburg Reservoir, and southwest of Crystal Bay. EPA will continue taking samples on March 25.
- Several entities including Harris County, Texas Commission on Environmental Quality (TCEQ), EPA, the 6<sup>th</sup> Civil Support Team, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- ITC continued air monitoring from on March 24; there were 1,864 VOC readings and 1,539 benzene readings. There continues to be readings above the action levels for benzene close to the tank farm on Tidal Road, and by Dock 4 on Buffalo Bayou. There were a few detections over 1.0 in the community downwind (Channelview area) but none were sustained for any period.
- Very low readings of butadiene are beginning to be recorded near the work area by the tank farm (which is .
- EPA continued mobile air monitoring on March 24 (12:00 pm) to March 25 (4:00 am) at 47 locations. There were 0 detections above the action level noted.
- ASPECT did not conduct any flights on March 24, due to a low cloud cover, which would have impeded their ability to monitor for any constituents.
- EPA's TAGA Mobile laboratory continued monitoring during the day of March 24.
- TCEQ continued handheld air monitoring between 2:00 pm and 10:00 pm on March 24 (14 readings). No significant readings were detected.
- Unified Command developed, reviewed, and approved the Incident Action Plan (#3) for the next operational period.
- The Rapid Assessment Team (RAT) is scheduled to continue assessments along the Bayou shorelines on March 25.
- The United States Coast Guard (USCG) Captain of the Port opened the San Jacinto River for a period of time to allow vessel traffic through the channel on Sunday between 5 p.m. and 7 p.m.
- USCG conducting recovery operations on a 60 x 60 ft pocket of material discovered in the Peggy Lake area
- Vac truck operations at Tucker Bayou report 9 – 130 bbl vac trucks and 2 – 70 bbl vac trucks operational; total of 1,310 bbls of oily/water mix offloaded into Tank 100-28 from 7:00 – 11:00 pm on March 24.
- Reported by ITC in a press release issued late on March 24:
  - More than 1,100 federal, state and local first responders, agencies, and environmental cleanup contractors on the scene since the fire began on March 19
  - There are currently 34 vessels, including 15 skimmers, on scene conducting operations. An additional seven skimmers and 12 vessels are scheduled to arrive on scene to support assessment, protection, and recovery operations.
  - Personnel currently assigned: 775
  - Fire-fighting equipment: 14
  - Product removal vehicles: 20
  - Vessels assigned: 45
  - Boom deployed: 27,000 feet covering Tucker's Bayou, the ITC docks, Patrick's Bayou, Old River, Carpenter's Bayou, Battleship Texas, Santa Ana Bayou, the western shore of the mouth of the San Jacinto River, and the oyster beds located in Burnett Bay
  - Skimmers have recovered more than 1.3 million gallons of oil/water mixture

Tank Status as 5:00 am on March 25, 2019

Tank #		Original Volume	Updated Volume	Flow rate	Transfer Method	Status	Notes
80 - 1	Base Oil	48,713 bbls	4,522 bbls			Standby	
80 - 2	Gasoline Blendstock	38,451 bbls	5,437 bbls			Standby	
80 - 3	Gasoline Blendstock	33,200 bbls	5,442 bbls			Standby	
80 - 4	Base Oil	34,808 bbls	7,393 bbls			Standby	
80 - 5	Xylenes	35,502 bbls	4,529 bbls			Standby	
80 - 6	Gasoline Blendstock	48,147 bbls	n/a			Standby	
80 - 7	Py Gas	42,680 bbls	1,262 bbls	1200 bbls/hr	Submersible pump	Active	
80 - 8	Naptha	69,482 bbls	6-0-0 / 9,072 bbls			Standby	
80 - 9	EMPTY	Empty	Empty			Standby	
80 - 10	Py Gas	14,294 bbls	12,922 bbls	500	Inline System	Standby	Transfer stopped at 0240 for pump replacement
80 - 11	Base Oil	51,741 bbls	51,651 bbls			Standby	
80 - 12	EMPTY	Empty	Empty			Complete	
80 - 13	Toluene	13,854 bbls	13,854 bbls			Standby	Pressure testing 70 line at 60psi N2 for potential use
80 - 14	Py Gas	13,837 bbls	2,521 bbls	862 bbls/hr	Inline System	Standby	Transfer stopped at 2209 Pump shut off at 2211
80 - 15	Py Gas	9,354 bbls	Empty			Complete	

*With Regards, Steve*



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"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."